

# QUALITY ISSUES FOR CLOUD COMPUTING ENVIRONMENT

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**Abstract :** Cloud Computing is one of the most important criteria for information technology system. Present time, access control and data security are two most sensitivity problems with cloud computing. The proposed research articles for attention to cloud computing architecture, which point out the possible influence of design properties and also observe the impact of cloud computing computation with a number of issues. A number of quality issues are discussed in this paper.

**IndexTerms- Keywords** Cloud computing, access control, Data Security

## I. INTRODUCTION

Cloud computing process is a special task that involves a number of stages. A most important challenge in Cloud computing is to advance fault detection, security confirmation and assess control at overall system [7]. The concept of cloud computing is closely related to security, availability. Experts and Researchers are continuously concerning about complete highly secure cloud, whose primary ambitions is to implement a dataavailability, that functions properly under malicious use and that does not contain loopholes. Security means an unintended user are prevented to operate the system under any environment. Taking cloud computing have an impact on reducing many software faults, unavailability. This study is focuses on a set of quality issues that can be used to enhance to cloud computing. It has been reported that cost and attempt spent on cloud computing is very high. The three basic security requirements confidentiality, integrity and availability namely CIA has been recognized in cloud computing [6]. The allow software designers to access the cloud, making changes that will reduce the fault and improve the security of the software [4]. The survey highlighted the fact that cloud computing quality issues of software product can vary considerably depending on its design and implementation. A present cloud computing technology, expert gives consideration towards only normal behaviour with assumption that all faults can be removed during implementations [3, 5]. To develop secure cloud computing is the contributing process of differentsteps and reflections of each phase is the matter of study to measure the accurate impacts of security.

## II CLOUD COMPUTING ARCHITECTURE

Cloud computing technology have adopted by different companies as Google, Yahoo, Amazon, etc for users or client. Cloud computing architecture refers to the components and subcomponents required for cloud computing [1, 2]. These components typically consist of a front end platform, back end platforms, a cloud based delivery, and a network. Combined, these components make up cloud computing architecture. Basically cloud computing architecture has defined in three sections.

- ✓ Section 1 : Types of Cloud Computing
- ✓ Section 2 : Cloud computing Parties
- ✓ Section 3 : Features of Cloud Computing

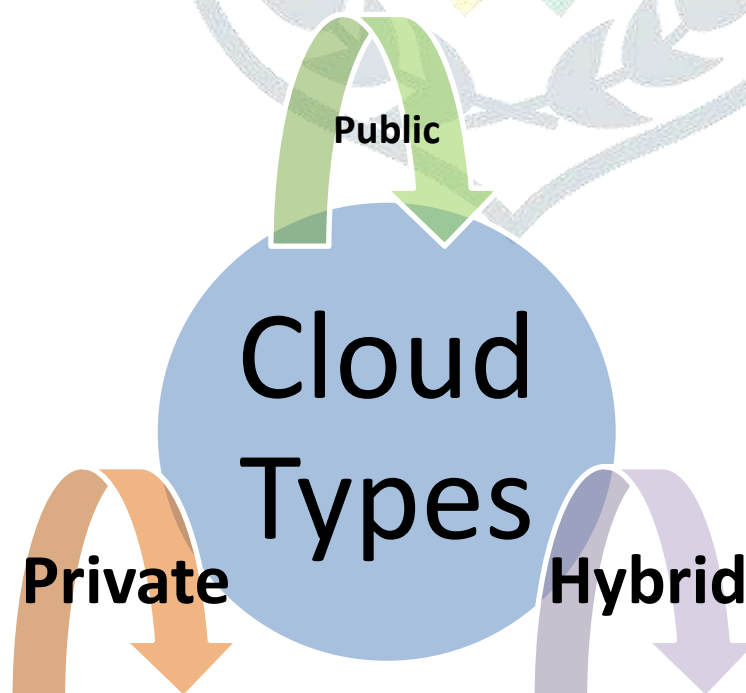


Fig 1 Section 1

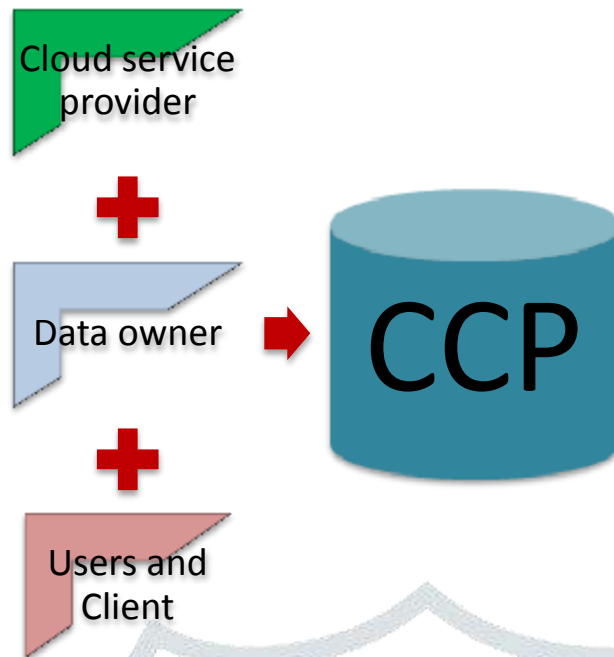


Fig 2 Section 2

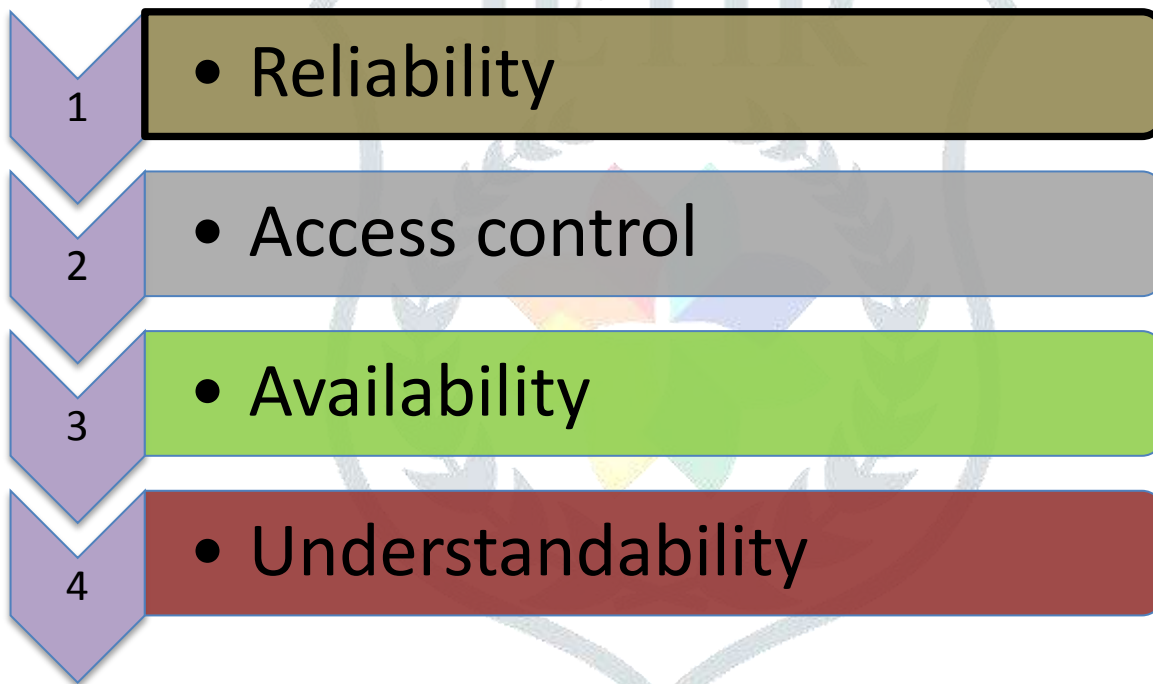


Fig 3 Section 3

### III PLATFORM EFFICIENCY WITH SECURITY ISSUES

The cloud system is running in the web and the security issues in the web likewise can be found in the cloud system. The cloud system isn't distinctive the conventional system in the PC and it can meet other uncommon and new security issues. The greatest worries about cloud figuring are security and security. The customary security issues, for example, security vulnerabilities, virus and hack attack can likewise make dangers to the cloud system and can lead more genuine outcomes on account of property of cloud figuring. Hackers and pernicious interloper may hack into cloud records and take delicate information put away in cloud systems. The information and business application are put away in the cloud centre and the cloud system must secure the asset deliberately.

### IV CONCLUSION

The cloud system is running in the web and the security issues in the web additionally can be found in the cloud system. This paper explores the quality issues of Cloud Computing (CC), testing security issues and ruptures. A large portion of the methodologies disregarded the quality issues. Information figuring that uses cloud is the most difficult factor. To get greater security in versatile cloud condition, dangers should be tended to and contemplated in like manner. To address all these security issues, the information security design should be produced which decreases the security dangers and moreover to slice expenses and elaboration to receive the cloud figuring in versatile condition. It is basic to remember that the outlining without bounds system arrangements ought to be more cost useful and ought to give more prevalent security and execution.

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